

Data File : VU024959.D
Acq On : 27 Jun 2018 12:08
Operator : MD/SY
Sample : VU0627MBS03
Misc : 5.00g/10mL/100uL/5.00ML/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS03

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:37:02 PM

Quant Time: Jun 27 13:52:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	282885	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134427	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	
35) Dibromofluoromethane	4.89	113	107095	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
50) Toluene-d8	7.57	98	364172	42.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.06%	
62) 4-Bromofluorobenzene	10.31	95	145642	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40175	16.724	ug/l	99
3) Chloromethane	1.33	50	40107	16.342	ug/l	98
4) Vinyl Chloride	1.40	62	45398	17.936	ug/l	99
5) Bromomethane	1.62	94	29061	23.751	ug/l	100
6) Chloroethane	1.70	64	29154	19.981	ug/l	96
7) Trichlorofluoromethane	1.89	101	74158	19.199	ug/l	99
8) Diethyl Ether	2.10	74	29173	21.105	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.29	101	45471	18.975	ug/l	97
10) Methyl Iodide	2.41	142	43666	24.542	ug/l	98
11) Tert butyl alcohol	2.82	59	68270	89.591	ug/l	98
12) 1,1-Dichloroethene	2.28	96	41335	18.915	ug/l	97
13) Acrolein	2.19	56	22402	55.983	ug/l	98
14) Allyl chloride	2.59	41	71519	17.626	ug/l	98
15) Acrylonitrile	2.94	53	137994	93.076	ug/l	98
16) Acetone	2.32	43	159644	94.831	ug/l	100
17) Carbon Disulfide	2.48	76	116452	16.642	ug/l	99
18) Methyl Acetate	2.62	43	75450	20.906	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	165488	20.146	ug/l	97
20) Methylene Chloride	2.71	84	48501	18.361	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	45238	18.795	ug/l	98
22) Diisopropyl ether	3.57	45	155313	19.309	ug/l	90
23) Vinyl Acetate	3.53	43	666193	92.458	ug/l	98
24) 1,1-Dichloroethane	3.45	63	88922	19.217	ug/l	98
25) 2-Butanone	4.26	43	209053	92.449	ug/l	99
26) 2,2-Dichloropropane	4.23	77	84639	19.263	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	53495	19.332	ug/l	98
28) Bromochloromethane	4.55	49	39904	19.579	ug/l	84
29) Tetrahydrofuran	4.64	42	127492	91.044	ug/l	97
30) Chloroform	4.68	83	93579	19.980	ug/l	100
31) Cyclohexane	5.00	56	83694	19.150	ug/l	90
32) 1,1,1-Trichloroethane	4.92	97	86054	19.869	ug/l	96
36) 1,1-Dichloropropene	5.14	75	66904	20.127	ug/l	97
37) Ethyl Acetate	4.38	43	72558	20.027	ug/l #	96
38) Carbon Tetrachloride	5.14	117	75030	20.526	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	84791	20.440	ug/l	96
40) Benzene	5.39	78	192211	20.293	ug/l	99
41) Methacrylonitrile	4.54	41	41533	21.262	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80917	22.430	ug/l	100
43) Isopropyl Acetate	5.55	43	122267	19.523	ug/l	99
44) Trichloroethene	6.19	130	53696	19.919	ug/l	95
45) 1,2-Dichloropropane	6.44	63	51282	20.291	ug/l	99
46) Dibromomethane	6.56	93	37662	21.215	ug/l	94
47) Bromodichloromethane	6.76	83	71527	20.234	ug/l	97
48) Methyl methacrylate	6.63	41	62738	20.573	ug/l	97
49) 1,4-Dioxane	6.62	88	28571	479.081	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	384834	97.810	ug/l	98
52) Toluene	7.64	92	124734	20.469	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	78163	19.689	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	81689	19.311	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	52162	21.058	ug/l	96
56) Ethyl methacrylate	8.02	69	82162	19.817	ug/l	99
57) 1,3-Dichloropropane	8.25	76	88838	21.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	33348	20.995	ug/l	93
59) 2-Hexanone	8.36	43	305337	95.057	ug/l	99
60) Dibromochloromethane	8.48	129	59031	19.110	ug/l	99
61) 1,2-Dibromoethane	8.59	107	55202	20.022	ug/l	98
64) Tetrachloroethene	8.23	164	50323	20.089	ug/l	99
65) Chlorobenzene	9.12	112	143222	21.273	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	53331	20.850	ug/l	97
67) Ethyl Benzene	9.25	91	245433	20.795	ug/l	97
68) m/p-Xylenes	9.38	106	189365	41.782	ug/l	99
69) o-Xylene	9.78	106	94471	21.062	ug/l	97
70) Styrene	9.80	104	148550	20.154	ug/l	99
71) Bromoform	9.96	173	45252	18.613	ug/l #	98
73) Isopropylbenzene	10.17	105	254608	21.300	ug/l	100
74) N-amyl acetate	10.01	43	105236	18.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	83444	20.832	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	74644m	21.777	ug/l	
77) Bromobenzene	10.45	156	65761	21.731	ug/l	93
78) n-propylbenzene	10.59	91	284610	20.213	ug/l	97
79) 2-Chlorotoluene	10.66	91	173729	20.922	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	221731	21.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	27470m	18.548	ug/l	
82) 4-Chlorotoluene	10.78	91	200297	20.725	ug/l	100
83) tert-Butylbenzene	11.10	119	218419	21.917	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	222230	21.048	ug/l	99
85) sec-Butylbenzene	11.33	105	262938	21.078	ug/l	97
86) p-Isopropyltoluene	11.48	119	232732	20.831	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	117672	21.048	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	116119	20.636	ug/l	98
89) n-Butylbenzene	11.89	91	191435	19.300	ug/l	98
90) Hexachloroethane	12.15	117	39592	18.166	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	120801	21.572	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21028	19.026	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062718\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	76629	22.160	ug/l	98
94) Hexachlorobutadiene	13.70	225	41877	21.515	ug/l	97
95) Naphthalene	13.75	128	247737	22.026	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	80036	23.228	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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